

**KiCenter 2.2.0**

- Support for sample rate reduction (downsampling) in the DTI-Logger
  - Usage of up to 96 channels possible (depending on configuration).
  - Sampling rates in the DTI-Logger: 20 kHz, 5 kHz, 1 kHz und 500 Hz.
- Synchronized measurement of up to 3 DTI-Loggers possible
  - Configuration with more than 250 channels is possible.
  - Requires a SyncSwitch (Type 5614A).
- Identification of the DTI-Logger
  - The context menu of the DTI-Logger (right click on DTI-Logger in the “Device Center Tree”) provides the option to identify the DTI-Logger.
  - The Op LED on the DTI-Logger flashes for 5 seconds at a fast rate.



\* For these functions, DTI-Logger with at least Firmware 11.0 is required

- **Grouping of signals**

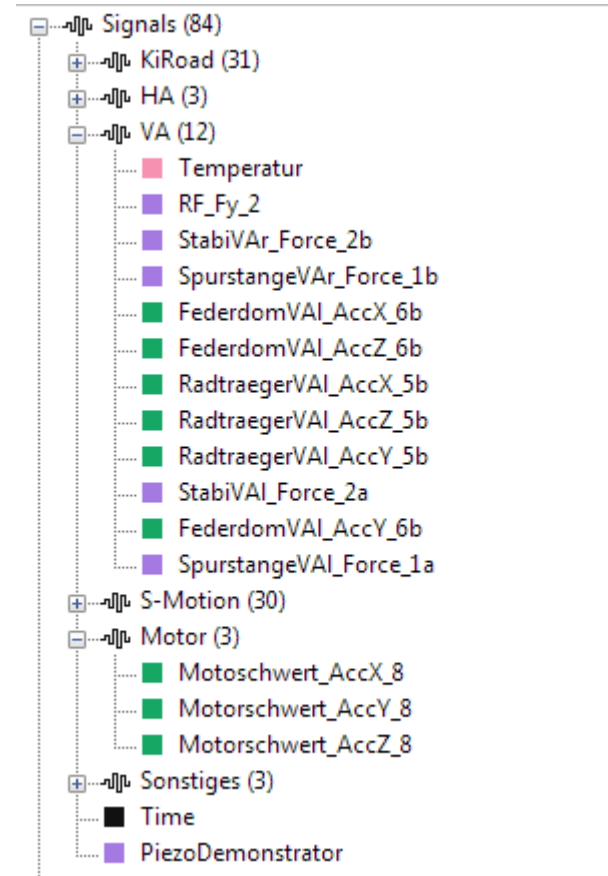
- Creating groups helps to keep track of many signals.
- Parameterizing in groups is possible.
- Simplifies the selection of signals.
- A whole group can be completely drawn into a chart.

- **Complete support of drag-and-drop with signals**

- Dragging signals into display elements (already possible from 2.1.0).
- Dragging signals into input fields (e.g. on start-trigger signal in the test configuration).

- **Moving average filter**

- For smoothing signals, an additional moving average filter can be used.



- **Editing multiple signals at the same time**

- When selecting several signals in the overview, the parameters of all selected signals can be changed.
- Visual feedback if parameters are different.

- **View**

- The displayed signals can be limited via the search field.
- By clicking on the table header, you can sort by the corresponding property (e.g. by units).

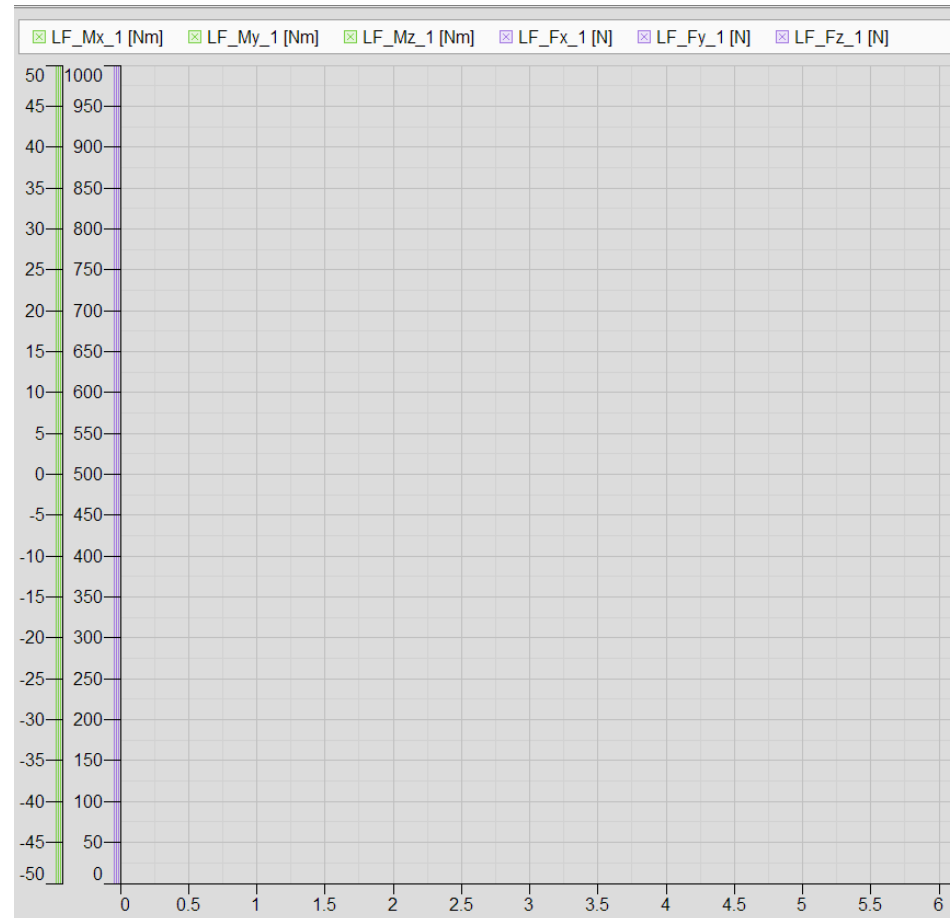
- **Options to select several signals\***

- Checking / unchecking → adds a signal to / removes a signal from the selection.
- Clicking on line → just selects the signal.
- Clicking on line pressing CTRL / SHIFT → selection function known from Windows.
- Hold down the mouse button and drag over lines → selects all signals within this range.

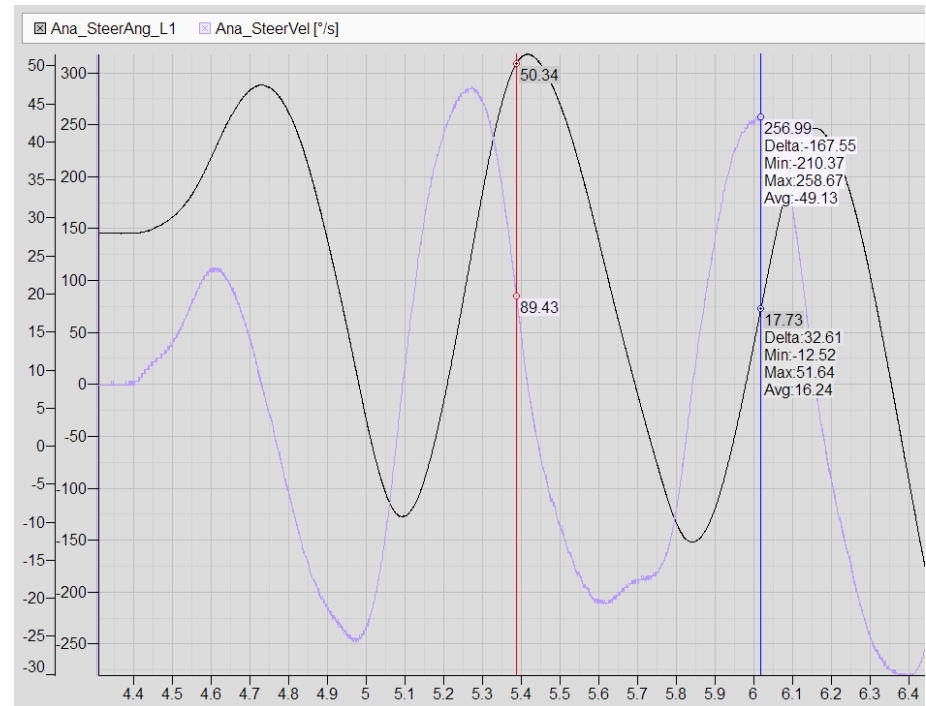
Name	Group	Category	Unit	Decimals	Range	Apply
<input type="checkbox"/> LF_Anglespeed_1	KiRoad	ANGLESPEED	°/s	1	(-150, 150)	✓
<input type="checkbox"/> LF_Angle_1	KiRoad	ANGLE	°	1	(-180, 180)	✓
<input checked="" type="checkbox"/> LF_Fx_1	KiRoad	FORCE	N	1	(0, 1000)	✓
<input checked="" type="checkbox"/> LF_Fy_1	KiRoad	FORCE	N	1	(0, 1000)	✓
<input checked="" type="checkbox"/> LF_Fz_1	KiRoad	FORCE	N	1	(0, 1000)	✓
<input type="checkbox"/> RF_Mz_2	KiRoad	TORQUE	Nm	1	(-50, 50)	✓
<input type="checkbox"/> RF_Angle_2	KiRoad	ANGLE	°	1	(-180, 180)	✓
<input type="checkbox"/> LF_Mk_1	KiRoad	TORQUE	Nm	1	(-50, 50)	✓
<input checked="" type="checkbox"/> RF_Fx_2	KiRoad	FORCE	N	1	(0, 1000)	✓
<input type="checkbox"/> LF_My_1	KiRoad	TORQUE	Nm	1	(-50, 50)	✓
<input type="checkbox"/> LF_Mz_1	KiRoad	TORQUE	Nm	1	(-50, 50)	✓

\* These methods also work for all other selection lists in KiCenter

- **Drag-and-drop of multiple signals**
  - Select several signals in the tree and drag them into the display. After one second, the display will appear. Now, the signals can be stored in the chart.
- **Drag-and-drop of groups**
  - Entire groups can be drawn completely into the chart.
- **Easy removal using the x**
  - By clicking on the x in the legend, the signals can be easily removed from the chart.



- **Measured values at the cursor**
  - The measured values of the signals are displayed in the chart directly at the cursor.
- **Moving the cursor with the mouse**
  - The cursor can be easily moved with the mouse.
- **Second cursor**
  - The second cursor also shows the difference of the measuring points.
  - In addition, the minimum, maximum and average value can still be displayed in this area.
- **Zoom with the mouse**
  - Zoom by clicking and dragging.
  - Unzoom via context menu.



- Improved stability and internal improvements
  - Solving a multitude of errors.
  - Optimized components increase the stability.
- Clearer marking of warnings
  - Warnings, such as missing channel assignments, are highlighted more noticeable.
- Support of more DTI components and sensors
  - E.g. DTI Converter analog.

